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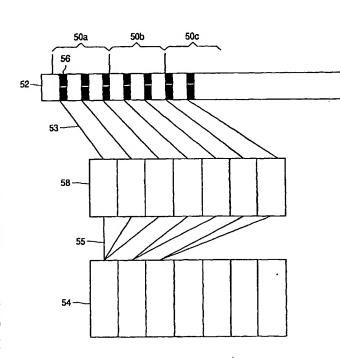
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(54) Title: TRICK PLAY OF ENCRYPTED DATA IN A CONDITIONAL ACCESS SIGNAL



(57) Abstract: An incoming data stream contains a stream of encrypted data and a stream of messages. Data in successive segments of the stream of encrypted data is decryptable with successive decryption information from the messages. The stream of encrypted data is stored and items with decryption information from the stream of messages are stored. Synchronization information is stored that links respective points in the stored stream of encrypted data to respective ones of the items with decryption information. The synchronization is stored so that it is retrievable independent of the stream. During trick replay a stored part of the stream of encrypted data is replayed in an abnormal The items with decryption temporal pattern. information are retrieved for the points in said stored part during said replaying. The retrieved items are combined with decryption information of the stream during replay at times selected under control of the synchronization information, the items which are combined being selected and/or a time when the items are combined with the stream being selected, dependent on the synchronization information and the abnormal temporal pattern.

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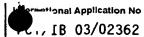


A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04N5/783 H04N H04N5/913 H04N7/167 H04N7/24 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) HO4N G11B IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X EP 1 122 728 A (SONY CORP) 1-6 8 August 2001 (2001-08-08) abstract paragraphs '0015!-'0020! paragraph '0028! paragraph '0059! paragraph '0070! US 5 349 641 A (COUTROT FRANCOISE ET AL) 2,3 Α 20 September 1994 (1994-09-20) column 2, line 3 - line 12 Ρ,Χ US 2002/184506 A1 (PERLMAN STEPHEN G) 1,4,5 5 December 2002 (2002-12-05) paragraphs '0058!,'0060! paragraphs '0062!-'0066! paragraph '0069! figure 20 'Further documents'are listed in the continuation of box C. Patent family members are listed in annex. '" **X** Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance Invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 22 October 2003 28/10/2003 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2

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